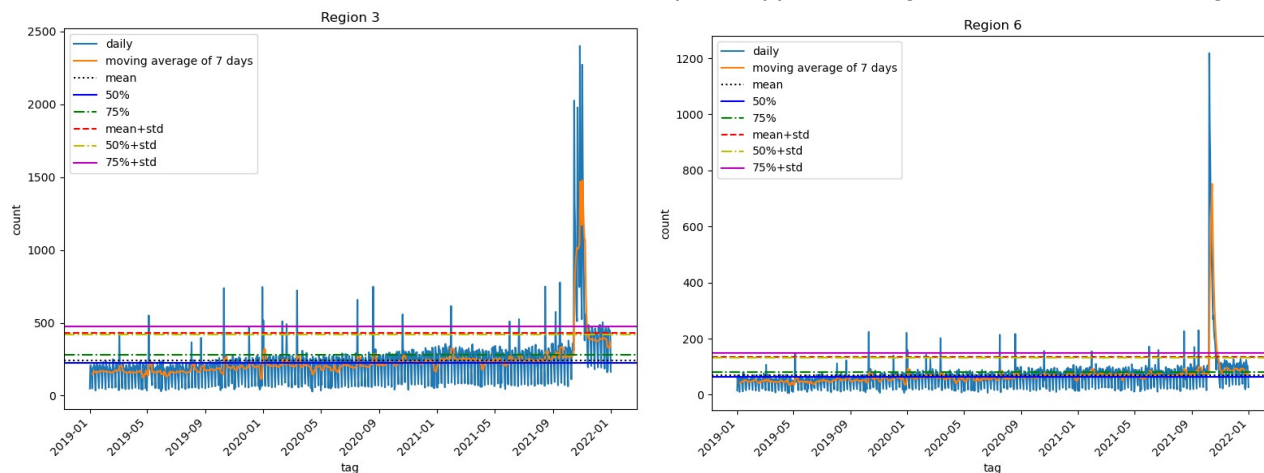# Case Study submission by Dr. Sandeep Vidyapu <sandy.apj911@gmail.com>

- **In which region method-A and method-B are applied for piloting?**
  Based on my understanding, method-A (staggered rollout) was applied in Region-3 and method-B in region-6.
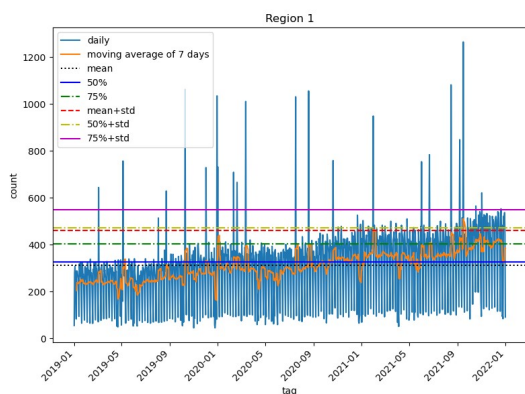

1. **How many additional tickets should be expected in the remaining regions if method A or B is used?**

Region	method-A			method-B		
	Per day	Days #	Total	Per day	Days #	Total
Region-1	**1431**	22	31495	2183	**14**	**30572**
Region-2	**636**	22	14007	971	**14**	**13596**
Region-4	**461**	22	10154	704	**14**	**9856**
Region-5	**963**	22	21187	1468	**14**	**20565**

2. **Which method would you recommend to management, and why?**
   Based on the above Table, I would recommend method B because the customers need to suffer for a lesser number of days (14) and the overall generated ticket count is smaller when compared with method-A (22 days). However, I must note that the number of per day additional tickets is lesser with method-A than method-B.
   So, to recommend something, we need to further understand the customer behavior/characteristics before choosing between both methods. Additionally more precise analysis would help to more accurately predict the additional ticket count. For example, in region-1 (shown below), the number of generated tickets is progressively increasing whose trend is not incorporated into the current analysis.

   NOTES: (i) Part of the given data has missing TAG information which was not considered for the analysis; (ii) All figures are already attached with the submission.